

DERWENT-ACC-NO: 2000-142817

DERWENT-WEEK: 200022

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: **Water-based adhesive** compositions - contains a polyvinyl alcohol-containing ethylene-vinyl acetate- polyfunctional monomer copolymer, an aqueous polyurethane, and a water-insoluble or -undispersing hexamethylene diisocyanate type polyisocyanate prepolymer

PRIORITY-DATA: 1998JP-0177549 (June 24, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2000008019 A	January 11, 2000	N/A	009	C09J 175/04

INT-CL (IPC): C08G018/10, C08G018/79, C09J175/04

ABSTRACTED-PUB-NO: JP2000008019A

BASIC-ABSTRACT:

NOVELTY - A **water-based adhesive composition contains: (A) a polyvinyl alcohol-containing ethylene-vinyl acetate-** polyfunctional monomer copolymer; (B) an aqueous polyurethane; and (C) a water-insoluble or -undispersing hexamethylene diisocyanate type polyisocyanate prepolymer bearing an isocyanurate backbone.

DETAILED DESCRIPTION - The copolymer (A) contains at least 70 wt.% of a toluene-insoluble component. The aqueous polyurethane (B) is stable in the acidic region and bears sulphonic acid salt group and/or a sulphamic acid salt group in the molecule.

USE - The **water-based adhesive** compositions are for manufacturing plastic decorative sheets as furnishing materials and house members by adhesion of plywood and PVC, polyolefin or polyester sheet.

ADVANTAGE - The **water-based adhesive** compositions have excellent adhesion properties to polar and non-polar polymers, creep resistance under high temperature and high humidity conditions and production line suitability on adhesion between plastic sheets and wooden materials without local load swell problem.

----- KWIC -----

Basic Abstract Text - ABTX (1):

NOVELTY - A **water-based adhesive composition contains: (A) a polyvinyl alcohol-containing ethylene-vinyl acetate-** polyfunctional monomer copolymer; (B) an aqueous polyurethane; and (C) a water-insoluble or -undispersing hexamethylene diisocyanate type polyisocyanate prepolymer bearing an isocyanurate backbone.

Basic Abstract Text - ABTX (3):

USE - The **water-based adhesive** compositions are for manufacturing plastic decorative sheets as furnishing materials and house members by adhesion of plywood and PVC, polyolefin or polyester sheet.

Basic Abstract Text - ABTX (4):

ADVANTAGE - The **water-based adhesive** compositions have excellent adhesion properties to polar and non-polar polymers, creep resistance under high temperature and high humidity conditions and production line suitability on adhesion between plastic sheets and wooden materials without local load swell problem.

Title - TIX (1):

Water-based adhesive compositions - contains a polyvinyl alcohol-containing ethylene-vinyl acetate- polyfunctional monomer copolymer, an aqueous polyurethane, and a water-insoluble or -undispersing hexamethylene diisocyanate type polyisocyanate prepolymer

Standard Title Terms - TTX (1):

WATER BASED ADHESIVE COMPOSITION CONTAIN POLYVINYL ALCOHOL CONTAIN ETHYLENE

VINYL ACETATE POLYFUNCTIONAL MONOMER COPOLYMER AQUEOUS
POLYURETHANE WATER
INSOLUBLE TYPE PREPOLYMER